

**IN THE
UNITED STATES
PATENT AND TRADEMARK
OFFICE**

Application Number	09/910,009
Filing Date	23 July 2001
First Named Inventor	Baldomero M. OLIVERA
Group Art Unit	1653
Examiner Name	G.E. Bugaisky
Attorney Docket Number	2314-242

Title of the Invention: **Mu-CONOPEPTIDES**

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

JUN 16 2003


TECH CENTER 1600/2900

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant submits herewith copies of additional publications that the Office may wish to consider in examination of the subject application. The publications are listed on the PTO-1449 form attached hereto.

A check is attached for the requisite fee for filing an Information Disclosure Statement after the issuance of an Office Action.

RESPECTFULLY SUBMITTED,					
Name and Reg. Number	Jeffrey L. Ihnen, Registration No. 28,957				
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT***Complete if Known*

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Attorney Docket Number 2314-242

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number (if known)	Kind Code ²		
	1	5,670,622		SHON et al.	09-23-1997

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³ Code	Number ⁴ (if known)	Kind ⁵			

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	2	WAXMAN, S.G. et al. (2000). "Voltage-gated sodium channels and the molecular pathogenesis of pain: A review," <i>J. Rehabil. Res. Devel.</i> 37(5):517-528.	
	3	WAKAMATSU, K. et al. (1992). "Structure-Activity Relationships of μ -Conotoxin GIIIA: Structure Determination of Active and Inactive Sodium Channel Blocker Peptides by NMR and Simulated Annealing Calculations," <i>Biochemistry</i> 31:12577-12584.	
	4	OLIVERA, B.M. et al. (1990). "Diversity of <i>Conus</i> Neuropeptides," <i>Science</i> 249:257-263.	
	5	CRUZ, L.J. et al. (1989). " μ -Conotoxin GIIIA, a Peptide Ligand for Muscle Sodium Channels: Chemical Synthesis, Radiolabeling, and Receptor Characterization," <i>Biochemistry</i> 28: 3437-3442.	
	6	OLIVERA, B.M. et al. (1985). "Peptide Neurotoxins from Fish-Hunting Cone Snails," <i>Science</i> 230:1338-1343.	
Examiner Signature			Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.